BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		26/9/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.37		Providing and constructing granite / trap/ basalt size stone masonry in foundation with cement mortar 1:6 stone hammer dressed in courses not less then 20 cms high, bond stones at 2 m apart in each course including cost of materials, labour, curing complete as per specifications and directions of the Engineer-in-charge of the work.							
		SSM							
		Compound Wall	cum	1	23.00	0.45	0.40	4.14	
							Total	**4.14**	

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		29/9/18							
Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.38		Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/cum having a minimum average compressive strength of 4.00N/mm2 confirming to IS 2185(Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding , curing , hire charges of machineries etc., complete as per specfication and as per the directions of the Engineer-in-charge of the work.							
		Compound Wall	Sqm	1	23.00		1.50	34.50	
							Total	34.50	
							LIMTED	23.00	

Contractors Representative

Assistant Executive Engineer
Byrasandra Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		3/10/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.39		Providing 18mm thick cement plaster in Single coats with cement mortar 1:6 to Brick Masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer-in-charge of the work.							
		External Plastering							
		Compound Wall	Sqm	2	23.00		1.50	69.00	
		Behind temple Wall	Sqm	1	12.00		1.90	22.80	
							Total	91.80	

Contractor's Representative

Assistant Executive Engineer
Puttenahalli Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		3/10/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.40		Providing and fixing M.S.Gate as per architects drawingusing 50 x50 mm 14 guage M.S. Hollow pipe frame work bent to ornamental shape and 35 x 6 mm and 16 x 16 mm square rods vertically alternatively spaced at 4 cmc/c/ in two halves and 40 x 6 mm M.S.Flats for horizontal member at top and cast iron spikes are provided at alternate vertical members as per specifications and directions of the Engineer-in-charge of the work.							
		Railing in Parapet Wall	Sqm	1	6.4		0.72	4.61	
							Total	**4.61**	
							Total	**4.61**	

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		29/10/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.41		Providing & fixing white vitreous china clay , water closet European type (Pedestal type , S-Trap) with black solid plastic seat and lid . CP Brass hinges , rubber buffers, 10 litre white glazed / vitreous china clay low level flushing cistern (all are approved make) with fittings C.I. /M.S. Brackets , 40 mm diameter flush bend fittings and clamps over flow arrangement with specials and 25 mm mosquito proof coupling of approved design , painting of fittings and brackets ,cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications and directions of the Engineer-in-charge of the work.							
		Gents Toilet	Nos.	1				1.00	
		Ladies Toilet	Nos.	1				1.00	
							Total	**2.00**	**4.00**

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		29/10/18							
Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.42		Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a single of 15mm C.P brass pillar taps with C.I / M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications and directions of the Engineer-in-charge of the work.							
			Nos.	2				2.00	
							Total	2.00	4.00

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

29/10/18

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		29/10/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.43		Providing and fixing in position brass bib cock of approved quality 20 mm dia nominal bore including cost of materials, labour HOM of equipments with all leads complete with specifications and directions of the Engineer-in-charge of the work.							
			Each	4				4.00	
							Total	4.00	8.00

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		29/10/18							
Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.46		Providing and fixing rigid PVC bend of required degree (of approved make) for S.W.R. drainage pipes of approved including lubricating and as per the directions of the Engineer-in-charge of the work.							
			Each	10				10.00	
							Total	10.00	

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		29/10/18							
Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.47		Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in CC 1:2:4 as per directions of 12.5cms x 7.5cms (Rate is inclusive of cost of materials and fixtures and conveyanceof materials to work spot) and as per the directions of the Engineer-in-charge of the work.							
			No.	10				10.00	
							Total	10.00	

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore
Contractor's Representative

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

29/10/2018

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		2/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.48		Constructing brick masonry inspection chamber 600X600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M-15 with 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3 finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications and as per the directions of the Engineer-in-charge of the							
			No.	2				2.00	
							Total	**2.00**	

Assistant Executive Engineer
Contractor's Representative
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		2/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.49		Providing and fixing CPVC pipes confirming to IS 15778 , having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mt spacing . This includes jointing of pipes and fittings with one stepCPVC Solvent cement and cost of cutting chases and making good the same including testing of joints complete (concealed work including cutting chasea and good the walls etc.) and as per the directions of the Engineer-in-charge of the							
		a) 32 mm dia	Rmt	15				15.00	
							Total	**15.00**	
Item No.50									
		b) 25 mm dia	Rmt	35				35.00	
							Total	**35.00**	

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

2/11

Assistant Executive Enginee
Project Sub Divisio
BBMP, Bangalor

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		2/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.51		Providing and fixing in position brass stop cock of approved quality 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and as per the directions of the Engineer-in-charge of the work.							
			Each	8				8.00	
							Total	8.00	

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer,
2/11/2018
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		2/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.52		Providing and fixing in position brass gate valve with C.I. Wheel of approved quality (screed end) 5 mm nominal bore including cost of all materials , labour , HOM of equipments ith all lead , complete as per specifications and as per the directions of the Engineer-in-charge of the work.							
		a) 32 mm dia	No.	2				2.00	
							Total	2.00	

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore
Contractor's Representative

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

2/11/18
Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		2/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.53		Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m.and above in width, in ordinary soil not exceeding 1.5m.in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work.							
			Cum	1	30.00	1	0.60	18.00	
							Total	**18.00**	
							LIMITED	**15.00**	

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer
Project Sub Division
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		5/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.54		Providing and laying in position to required level or slope 150mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications and as per the directions of the Engineer-in-charge of the work.							
			Rmt	10				10.00	
							Total	10.00	

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore
Contractor's Representative

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		7/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.55		Refilling available earth around the pipeline, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5m including cost of all labour complete as per specifications and as per the directions of the Engineer-in-charge of the work.							
		Same as item no 53	Cum	15				15.00	
							Total	**15.00**	

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
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BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		7/11/18							
Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.56		Providing stoneware gully trap of approved quality and make fixing inm-15 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials, fixtures and lead) and as per the directions of the Engineer-in-charge of the work.							
			Each	8				8.00	
							Total	8.00	

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Contractor's Representative

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer,
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BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		9/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.57		Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m.and above in width, in ordinary soil not exceeding 1.5m.in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work.							
			Cum	1	50.00	1	0.60	30.00	
							Total	30.00	

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore
Contractor's Representative

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

9/11/18
Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		9/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.58		Providing and fixing in trenches galvanised medium grade 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipments and testing complete as per specifications and as per the directions of the Engineer-in-charge of the work.							
			m	1	30.00			30.00	
							Total	30.00	

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

9/11/2018

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore